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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Kouji OKAMOTO et al. : Attorney Docket No. 2006\_0669A

Serial No. 10/578,915 :

Filed May 9, 2006 :

FILTER COEFFICIENT ADJUSTING  
CIRCUIT

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- each U.S. Patent and U.S. Patent application publication;
- each reference previously cited in the international application PCT/\_\_\_\_\_ ; and/or
- each reference previously cited in prior parent application Serial No. \_\_\_\_\_ .

1a.  This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

- 1b.  This Information Disclosure Statement is submitted after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:
  - (1)  the certification of paragraph 2 below is provided, **or**
  - (2)  the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.
  
- 1c.  This Information Disclosure Statement is submitted: after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**
  
2. It is hereby certified
  - a.  that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
  - b.  that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.
  
3.  Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:

- a.  a full or partial English language translation submitted herewith,
- b.  a foreign patent office search report (in the English language) submitted herewith,
- c.  the concise explanation contained in the specification of the present application at page,
- d.  the concise explanation set forth in the attached English language abstract,
- e.  the concise explanation set forth below or on a separate sheet attached to the reference:

US 6,240,434 corresponds to JP 11-191202

US 2001/0009608 corresponds to JP 2001-209902

US 2003/0137912 corresponds to JP 2002-269925

5.  A foreign patent office search report citing one or more of the references is enclosed.

6.  Statement Under 37 CFR 1.704(d)

Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Kouji OKAMOTO et al.

By



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July 12, 2006

## INFORMATION DISCLOSURE STATEMENT

O I P E

I A R S

FORM PTO 1449 (*modified*)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(*Use several sheets if necessary*)

Date Submitted to PTO: July 12, 2006

ATTY DOCKET NO.  
2006\_0669ASERIAL NO.  
10/578,915APPLICANT  
Kouji OKAMOTO et al.FILING DATE  
May 9, 2006

GROUP



## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2003/0137912	07/2003	Ogura			
	AB	2001/0009608	07/2001	Tanaka et al.			
	AC	6,747,936	06/2004	Shim			
	AD	6,240,434	05/2001	Oshio			
	AE						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AF	2002-269925	09/2002	JP			X
	AG	10-214458	8/1998	JP		Abstract	
	AH	2-260876	10/1990	JP		Abstract	
	AI	2001-209902	08/2001	JP			X
	AJ	11-191202	07/1999	JP		Abstract	
	AK	2003-178529	06/2003	JP			X
	AL	0585991 A1	07/1993	EP			X
	AM	9-320198	12/1997	JP		Abstract	
	AN	2-109436	04/1990	JP		Abstract	

OTHER DOCUMENT(S) (*Including Author, Title, Date, Pertinent Pages, Etc.*)

AO	
AP	
AQ	

EXAMINER

DATE CONSIDERED